

FIG. 1

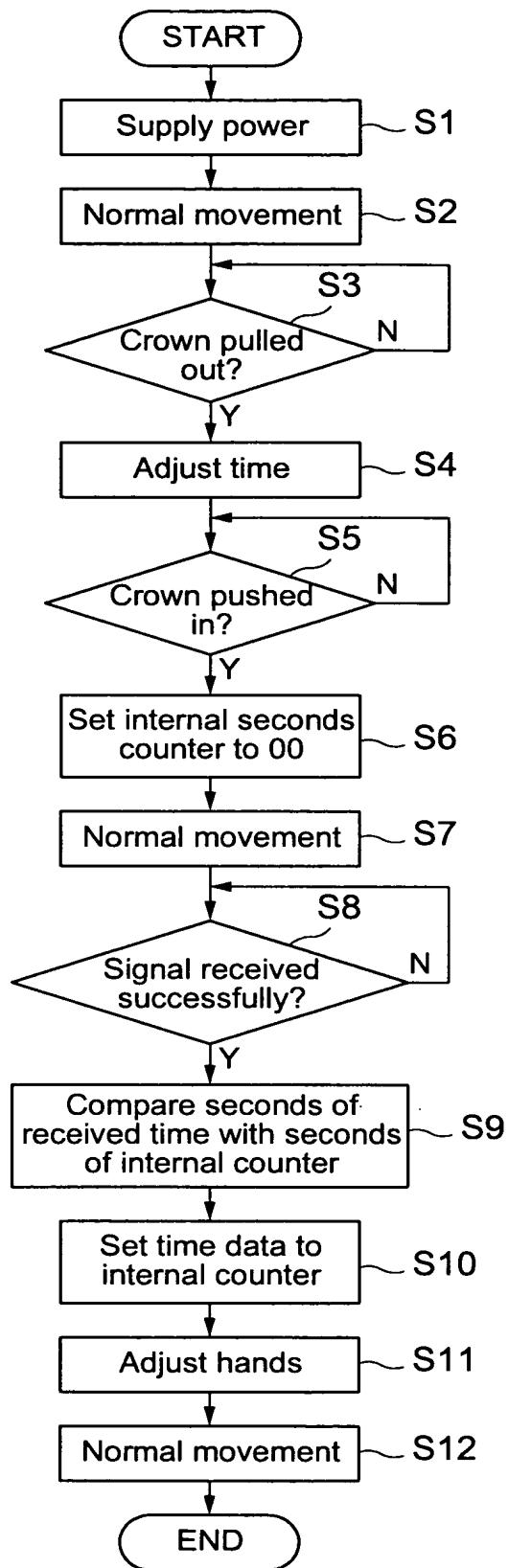


FIG. 2

Hands manually adjusted to the current time

	Internal counter	Hands	Received time data	Current time
Time changed with crown (crown pushed in)	00 : 03 : 00	01 : 23 : 00 (hands manually adjusted)	—	01 : 23 : 00
Time signal received	00 : 23 : 00	01 : 43 : 00	01 : 43 : 00	01 : 43 : 00
Internal counter adjusted	01 : 43 : 00	01 : 43 : 00	01 : 43 : 00	01 : 43 : 00
Hands adjusted	01 : 43 : 00	01 : 43 : 00 (hand adjustment unnecessary)	01 : 43 : 00	01 : 43 : 00

Manual adjustment of hands delayed 5 seconds to current time

	Internal counter	Hands	Received time data	Current time
Time changed with crown (crown pushed in)	00 : 03 : 00	01 : 23 : 00 (hands manually adjusted)	—	01 : 23 : 05
Time signal received	00 : 22 : 55	01 : 42 : 55	01 : 43 : 00	01 : 43 : 00
Internal counter adjusted	01 : 43 : 00	01 : 42 : 55	01 : 43 : 00	01 : 43 : 00
Hands adjusted	01 : 43 : 00	01 : 43 : 00 (hands automatically adjusted)	01 : 43 : 00	01 : 43 : 00

Manual adjustment of hands advanced 15 seconds to current time

	Internal counter	Hands	Received time data	Current time
Time changed with crown (crown pushed in)	00 : 03 : 00	01 : 23 : 00 (hands manually adjusted)	—	01 : 22 : 45
Time signal received	00 : 24 : 05	01 : 44 : 05	01 : 43 : 50	01 : 43 : 50
Internal counter adjusted	01 : 43 : 50	01 : 44 : 05	01 : 43 : 50	01 : 43 : 50
Hands adjusted	01 : 43 : 50	01 : 43 : 50 (hands automatically adjusted)	01 : 43 : 50	01 : 43 : 50

Manual adjustment of hands delayed 40 seconds to current time

	Internal counter	Hands	Received time data	Current time
Time changed with crown (crown pushed in)	00 : 03 : 00	01 : 23 : 00 (hands manually adjusted)	—	01 : 23 : 40
Time signal received	00 : 21 : 20	01 : 41 : 20	01 : 42 : 00	01 : 42 : 00
Internal counter adjusted	01 : 42 : 00	01 : 41 : 20	01 : 42 : 00	01 : 42 : 00
Hands adjusted	01 : 42 : 00	01 : 41 : 00 (hands automatically adjusted)	01 : 42 : 00	01 : 42 : 00

Manual adjustment of hands advanced 40 seconds to current time

	Internal counter	Hands	Time data	Current time
Time changed with crown (crown pushed in)	00 : 03 : 00	01 : 23 : 00 (hands manually adjusted)	—	01 : 22 : 20
Time signal received	00 : 24 : 30	01 : 44 : 30	01 : 43 : 50	01 : 43 : 50
Internal counter adjusted	01 : 43 : 50	01 : 44 : 30	01 : 43 : 50	01 : 43 : 50
Hands adjusted	01 : 43 : 50	01 : 44 : 50 (hands automatically adjusted)	01 : 43 : 50	01 : 43 : 50

FIG. 7

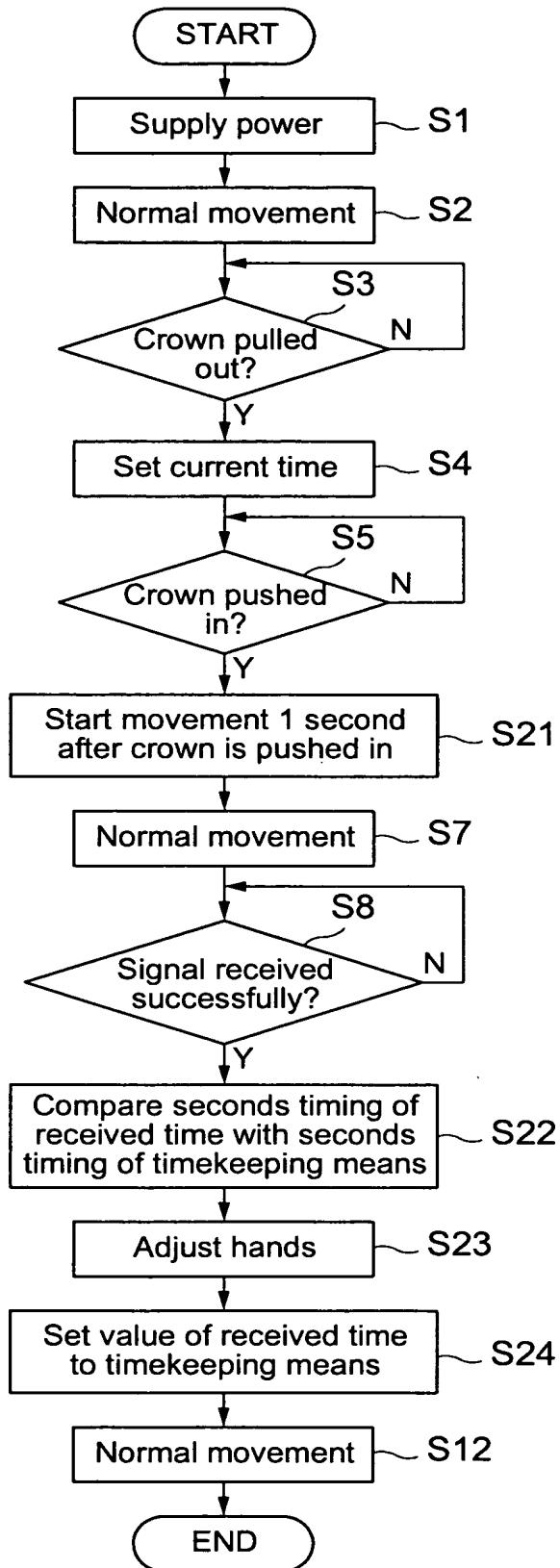


FIG. 8

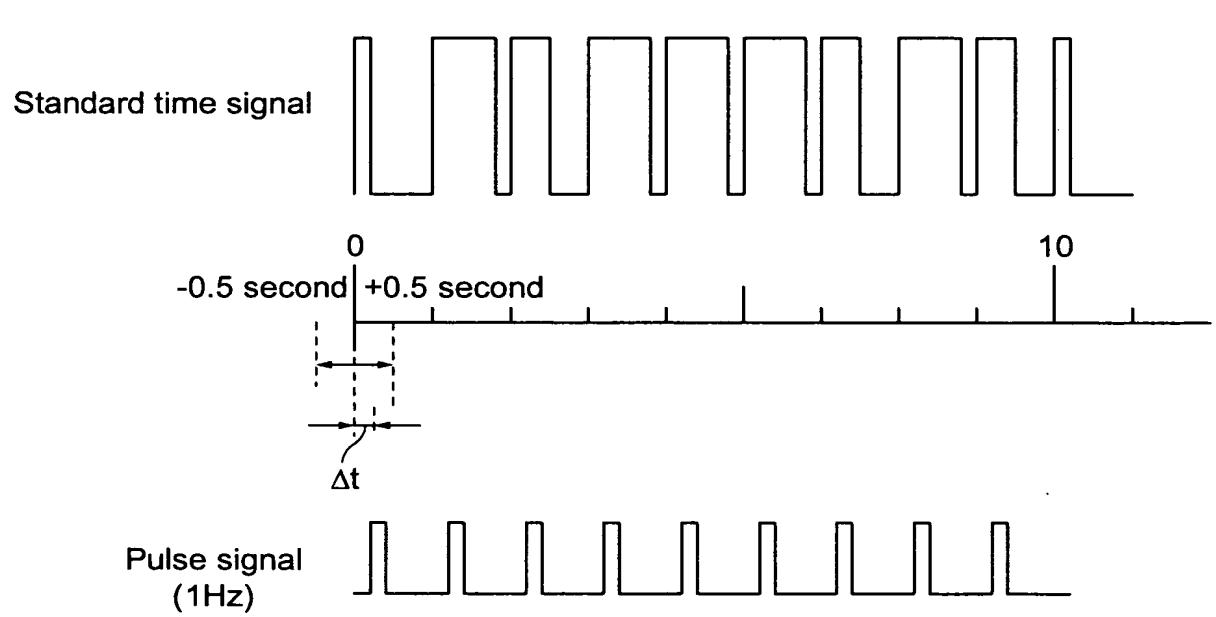


FIG. 9

Hands manually adjusted to the current time

	Internal counter	Hands	Received time data	Current time
Time changed with crown (crown pushed in)	2000/1/1 Sunday 00 : 03 : 20 : 00	2003/7/11 Friday 01 : 23 : 30 (hands manually adjusted)	_____	2003/7/11 Friday 01 : 23 : 30 : 00
Time signal received	2000/1/1 Sunday 00 : 22 : 50 : 00	2003/7/11 Friday 01 : 43 : 00	2003/7/11 Friday 01 : 43 : 00 : 00	2003/7/11 Friday 01 : 43 : 00 : 00
Internal counter adjusted	2003/7/11 Friday 01 : 43 : 00 : 00	2003/7/11 Friday 01 : 43 : 00	2003/7/11 Friday 01 : 43 : 00 : 00	2003/7/11 Friday 01 : 43 : 00 : 00
Hands adjusted	2003/7/11 Friday 01 : 43 : 00 : 00	2003/7/11 Friday 01 : 43 : 00 (hand adjustment unnecessary)	2003/7/11 Friday 01 : 43 : 00 : 00	2003/7/11 Friday 01 : 43 : 00 : 00

Manual adjustment of hands delayed 0.3 second to current time

	Internal counter	Hands	Received time data	Current time
Time changed with crown (crown pushed in)	2000/1/1 Sunday 00 : 03 : 00 : 00	2003/7/11 Friday 01 : 23 : 00 (hands manually adjusted)	_____	2003/7/11 Friday 01 : 23 : 00 : 30
Time signal received	2000/1/1 Sunday 00 : 22 : 59 : 70	2003/7/11 Friday 01 : 42 : 59	2003/7/11 Friday 01 : 43 : 00 : 00	2003/7/11 Friday 01 : 43 : 00 : 00
Internal counter adjusted	2003/7/11 Friday 01 : 43 : 00 : 00	2003/7/11 Friday 01 : 42 : 59	2003/7/11 Friday 01 : 43 : 00 : 00	2003/7/11 Friday 01 : 43 : 00 : 00
Hands adjusted	2003/7/11 Friday 01 : 43 : 00 : 00	2003/7/11 Friday 01 : 43 : 00 (hands adjusted automatically)	2003/7/11 Friday 01 : 43 : 00 : 00	2003/7/11 Friday 01 : 43 : 00 : 00

Manual adjustment of hands advanced 0.3 second to current time

	Internal counter	Hands	Received time data	Current time
Time changed with crown (crown pushed in)	2000/1/1 Sunday 00:03:00:00	2003/7/11 Friday 01:23:00 (hands manually adjusted)	—	2003/7/11 Friday 01:22:59:70
Time signal received	2000/1/1 Sunday 00:23:00:30	2003/7/11 Friday 01:43:00	2003/7/11 Friday 01:43:00:00	2003/7/11 Friday 01:43:00:00
Internal counter adjusted		2003/7/11 Friday 01:43:00	2003/7/11 Friday 01:43:00:00	2003/7/11 Friday 01:43:00:00
Hands adjusted		2003/7/11 Friday 01:43:00	2003/7/11 Friday 01:43:00:00 (hands not adjusted)	2003/7/11 Friday 01:43:00:00

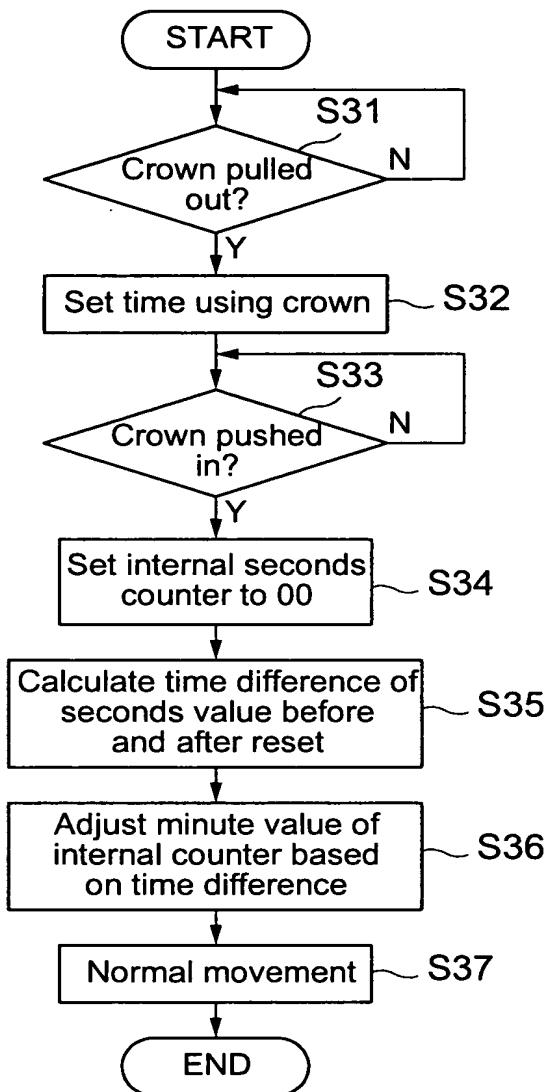


FIG. 13

Internal counter delayed 4 seconds to current time

	Internal counter	Hands	Current time
Error	01 : 21 : 56	01 : 21 : 54	01 : 22 : 00
Just before crown pushed in	01 : 24 : 56 (immediately before reset)	01 : 25 : 00 (adjust hands)	01 : 25 : 00
Just after crown pushed in	01 : 25 : 00 (immediately after reset) Adjust internal counter	01 : 25 : 00	01 : 25 : 00

Internal counter delayed 40 seconds to current time

	Internal counter	Hands	Current time
Error	01 : 21 : 20	01 : 21 : 18	01 : 22 : 00
Just before crown pushed in	01 : 24 : 20 (immediately before reset)	01 : 25 : 00 (adjust hands)	01 : 25 : 00
Just after crown pushed in	01 : 24 : 00 (immediately after reset) (adjust internal counter)	01 : 25 : 00	01 : 25 : 00

FIG. 15